

M 5.7, COLOMBIA

Origin Time: Sat 2008-09-13 09:32:00 UTC

Location: 4.83°N 75.41°W Depth: 118 km

PAGER
Version 1

Created: 16 mins, 21 secs after earthquake

Estimated Population Exposed to Earthquake Shaking

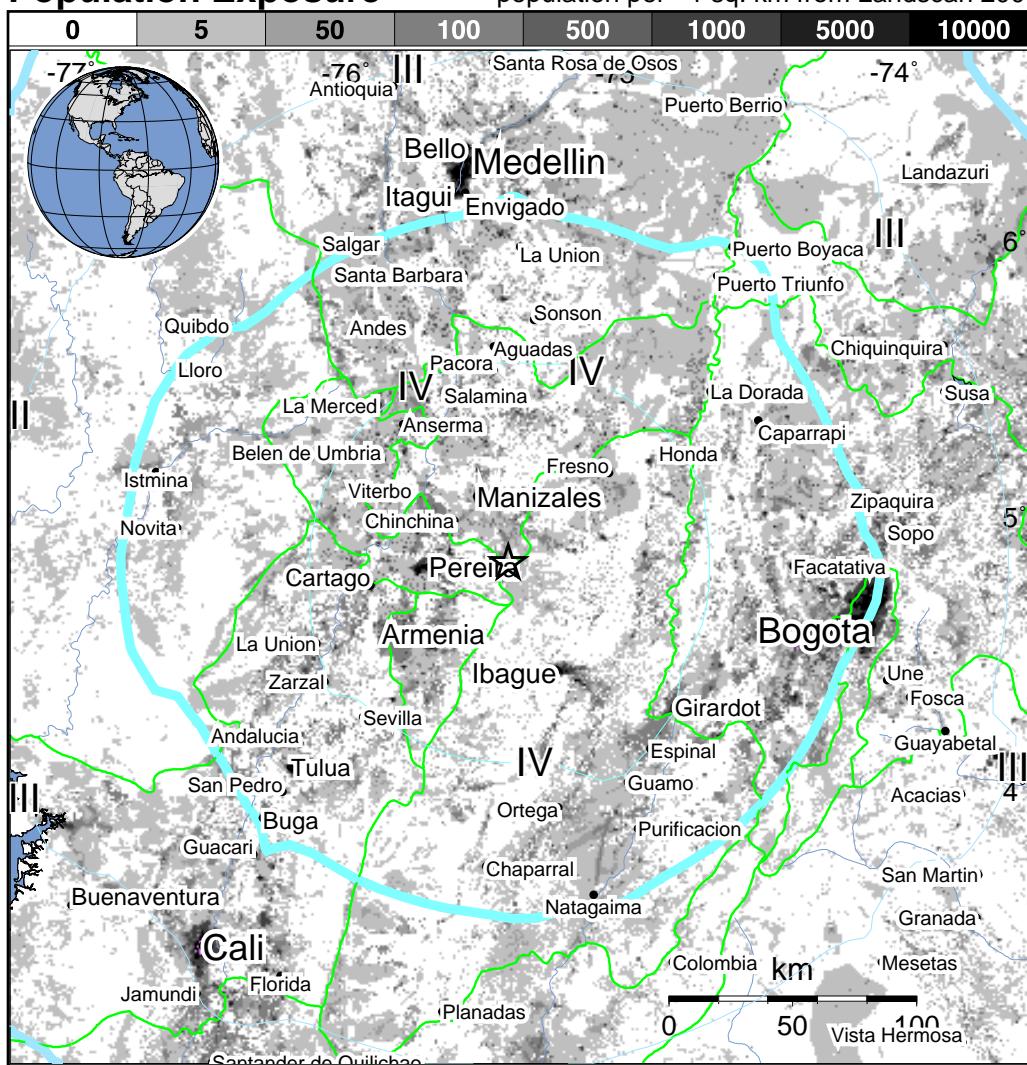
ESTIMATED POPULATION EXPOSURE (k = x1000)	- - *	10,416k*	12,911k	0	0	0	0	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY	I	II-III	IV	V	VI	VII	VIII	IX	X+	
PERCEIVED SHAKING	Not felt	Weak	Light	Moderate	Strong	Very strong	Severe	Violent	Extreme	
POTENTIAL DAMAGE	Resistant Structures	none	none	none	V. Light	Light	Moderate	Moderate/Heavy	Heavy	V. Heavy
	Vulnerable Structures	none	none	none	Light	Moderate	Moderate/Heavy	Heavy	V. Heavy	V. Heavy

*Estimated exposure only includes population within the map area.

Population Exposure

population per ~1 sq. km from Landscan 2006

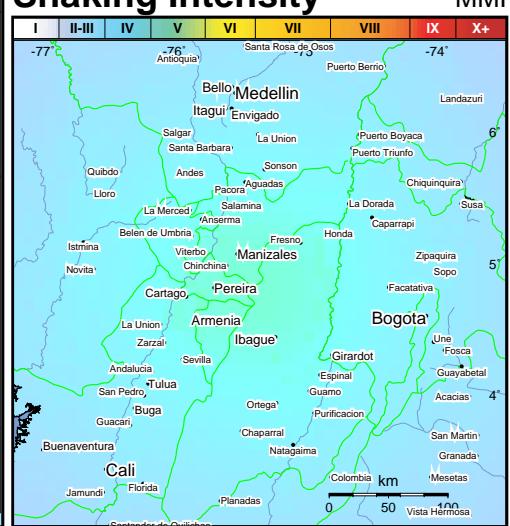
Selected City Exposure



MMI City	Population
IV Calcará	62k
IV La Virginia	33k
IV Alcalá	9k
IV Santa Rosa de Cabal	57k
IV Murillo	1k
IV Chinchina	68k
IV Pereira	440k
IV Ibagué	421k
III Bogotá	7,102k
III Medellín	1,999k
III Cali	2,392k

bold cities appear on map (k = x1000)

Shaking Intensity



Overall, the population in this region resides in structures that are vulnerable to earthquake shaking, though some resistant structures exist. A magnitude 6.1 earthquake 51 km Northeast of this one struck Colombia on January 25, 1999 (UTC), with estimated population exposures of 32,000 at intensity VIII and 393,000 at intensity VII, resulting in an estimated 1,900 fatalities. Recent earthquakes in this area have caused, landslides and liquefaction that may have contributed to losses.

This information was automatically generated and has not been reviewed by a seismologist.

<http://earthquake.usgs.gov/pager>

Event ID: us2008wxay